ABSTRACT

Cloud servers are virtual servers that can be run on cloud computing environmental and it encrypts data by a common key. Retrieving coded information is essential to perform picture/audio based recognition assisting medical care, surveillance, process automation, assisting physicians and yields coordination and communication. The cluster of data formation in the pre-classifier stage to increase the system storage, a reduction in High dimensional data, effective training time reduction and efficient client search over the incomplete data. This research, a novel technique termed as Attribute Based Encryption (ABE) Processes is proposed ,Here the cloud server is allowed to learn only the set of encrypted documents and its attributes or features, without requiring to have a knowledge about the keyword data which is unlike the traditional data encryption based systems. Significance of this research is accessing client data through server becomes an easier to encrypt server data. Another significant aspect of ABE is the ease with which client’s private key is associated with a set of attributes and the cipher text specifies a well-defined access policy over a universe of attributes within the system. The encryption and decryption data is done by user private key and search data by their own key on server searching data is based on the attributes. The Query search over the incomplete data is achieved by extracting missing attributes from comparably relative files. The encrypted scheme is implemented in java threads. By designed algorithm, client securely outsources their data on cloud server and searching data of encrypted to decrypt the data easy by proposed algorithm. Encryption involves processor overhead many cloud providers will only offer basic encryption on a few database fields, such as passwords and account numbers. To keep low costs and high performance. The method alternative to encryption is provided that does not require much processing power. The limitation of conventional SVM classifiers (i.e large training time particularly when data samples are large), was addressed by proposing a scalable SVM in this research. This research scheme implemented an user friendly, interactive package which includes, registered clouds data status, Regional cloud details the frame window with generated packets in key bits has been encrypted and decrypted in RC information with TC signature verified by designing the RC model compare with TC signature in a single window.
architecture. This CSV attributes process the three types of selections in cluster 1 and cluster 2 has been processed at running state. The efficiency of proposed algorithm in terms of retrieval rate was measured as 98%. The relationship between data size and encrypted/decrypted rate exhibits a linear relationship. The evaluation metrics provide the generalization ability of the trained classifier and used to measure/summarize the quality of trained classifier when tested with the unseen data. Through accuracy, the trained classifier is measured based on total correctness that refers to the total number of instances correctly predicted by the trained classifier when tested with the unseen data. The proposed application method has proved to provide high classification accuracy with an increased convergence speed in Capability of handling the complicated data with Ease manner of decision making.

**Keywords:**

Encryption, Decryption and Data searching, Cloud server, Information Retrieval, ABE, Scalable Support Vector Machine (SVM), Simple Integrated Modular Structures (SIMS), JAVA,